

AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

~~[PROBLEMS] To provide a hydrophilic stiff main chain type liquid crystal of a synthetic herical polymer, which has not been provided conventionally, more specifically, a stiff main chain type liquid crystal being formed in a dense aqueous solution comprising a water soluble salt of a synthetic herical polymer, and to provide a hydrophilic stiff main chain type liquid crystal which can be utilized as a chiral sensor.~~

~~[MEANS FOR SOLVING PROBLEMS]~~ A hydrophilic stiff main chain type liquid crystal comprising a water-soluble salt of a synthetic ~~helical~~spiral polymer having no asymmetric carbon atom as a main component of the main chain thereof, for example, a polyacetylene derivative having such constitution; and a chiral sensor utilizing a liquid crystal comprising a water-soluble salt of the above synthetic ~~helical~~spiral polymer, in particular, a water-soluble salt of the above synthetic ~~helical~~spiral polymer having no asymmetric carbon atom.